

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054049.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2025 15:04
 Operator : YP\AJ
 Sample : PB168176BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168176BSD

Integration File: autoint1.e
 Quant Time: May 28 17:32:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.843	6876928	42.316 ug/ml
Spiked Amount 50.000		Recovery =	84.63%
12) S 1-chlorooctadecane (S...	13.288	5553617	46.846 ug/ml
Spiked Amount 50.000		Recovery =	93.69%
Target Compounds			
1) T n-Nonane (C9)	3.197	4384958	32.444 ug/ml
2) T n-Decane (C10)	4.457	4672070	34.574 ug/ml
3) T A~Naphthalene (C11.7)	6.167	5978376	41.599 ug/ml
4) T n-Dodecane (C12)	6.635	5241536	38.426 ug/ml
5) T A~2-methylnaphthalene...	7.269	5669075	40.871 ug/ml
6) T n-Tetradecane (C14)	8.471	5521288	40.914 ug/ml
7) T n-Hexadecane (C16)	10.082	5737921	42.524 ug/ml
8) T n-Octadecane (C18)	11.529	5685165	42.219 ug/ml
10) T n-Eicosane (C20)	12.842	5878767	44.730 ug/ml
11) T n-Heneicosane (C21)	13.455	5645039	43.543 ug/ml
13) T n-Docosane (C22)	14.043	5554673	43.540 ug/ml
14) T n-Tetracosane (C24)	15.143	11639026	93.026 ug/ml
15) T n-Hexacosane (C26)	16.173	5370210	43.856 ug/ml
16) T n-Octacosane (C28)	17.123	5506676	45.299 ug/ml
17) T n-Tricontane (C30)	18.013	5293161	42.493 ug/ml
18) T n-Dotriacontane (C32)	18.846	5180857	41.429 ug/ml
19) T n-Tetratriacontane (C34)	19.631	5347473	44.891 ug/ml
20) T n-Hexatriacontane (C36)	20.373	5510003	47.587 ug/ml
21) T n-Octatriacontane (C38)	21.103	5652290	51.939 ug/ml
22) T n-Tetracontane (C40)	21.997	5573727	56.169 ug/ml

(f)=RT Delta > 1/2 Window

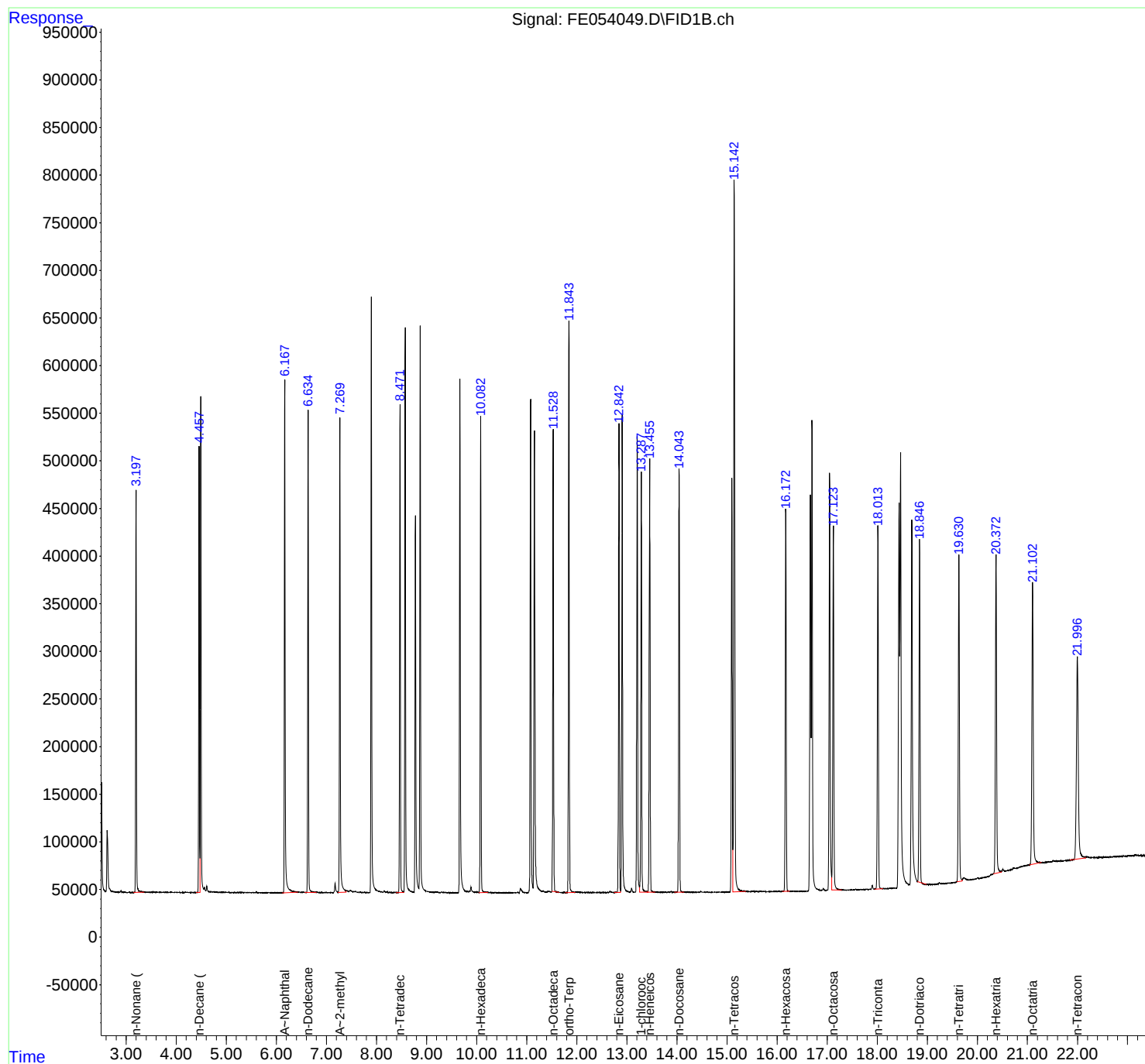
(m)=manual int.

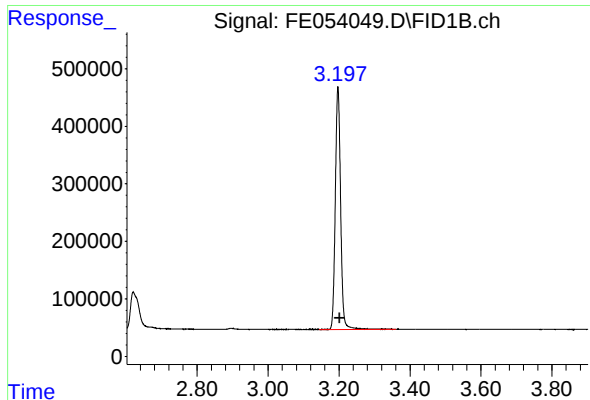
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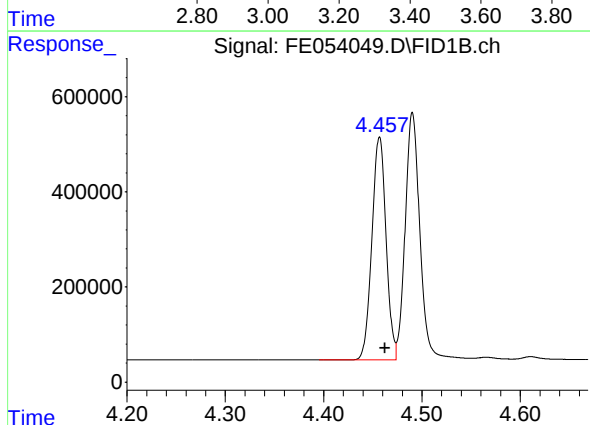




#1 n-Nonane (C9)

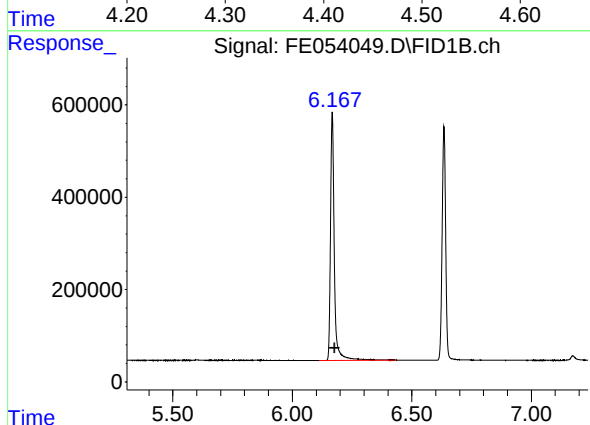
R.T.: 3.197 min
Delta R.T.: -0.005 min
Response: 4384958
Conc: 32.44 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BSD



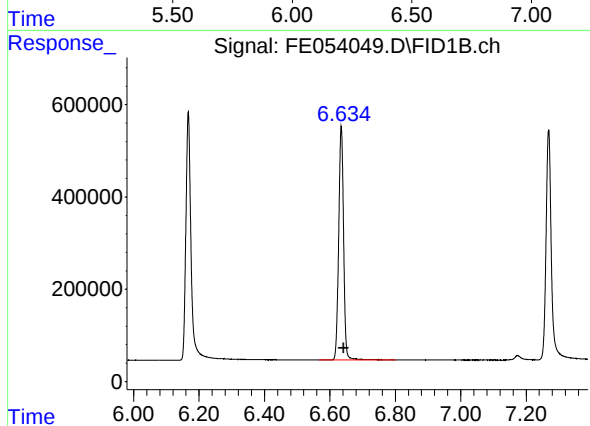
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.006 min
Response: 4672070
Conc: 34.57 ug/ml



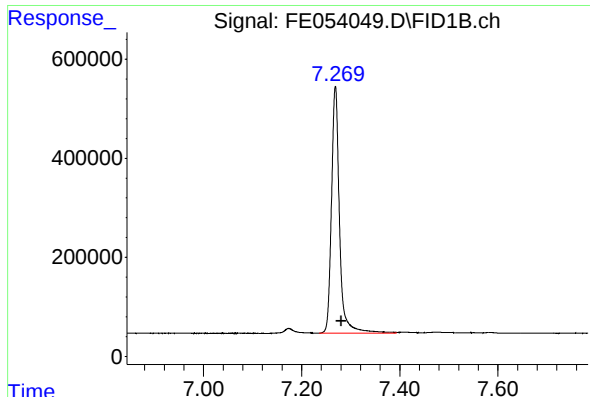
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.011 min
Response: 5978376
Conc: 41.60 ug/ml



#4 n-Dodecane (C12)

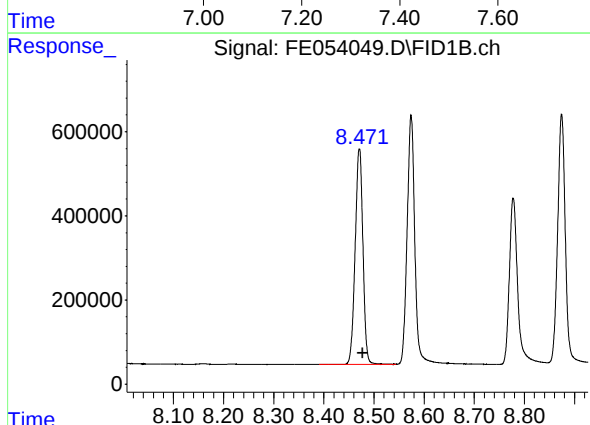
R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 5241536
Conc: 38.43 ug/ml



#5 A~2-methylnaphthalene (C12.89)

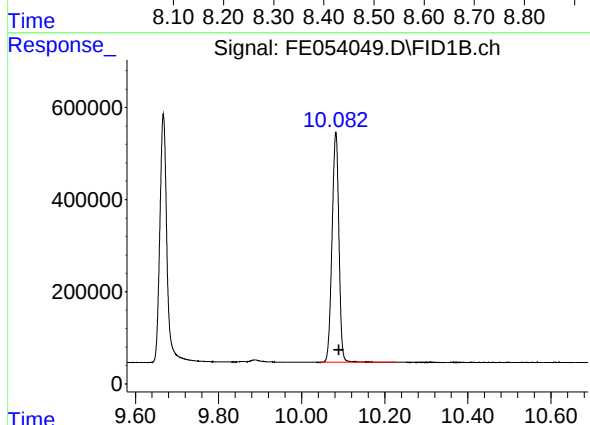
R.T.: 7.269 min
Delta R.T.: -0.012 min
Response: 5669075
Conc: 40.87 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BSD



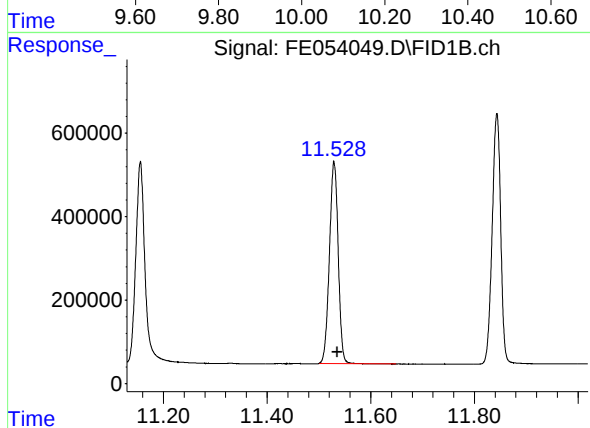
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.006 min
Response: 5521288
Conc: 40.91 ug/ml



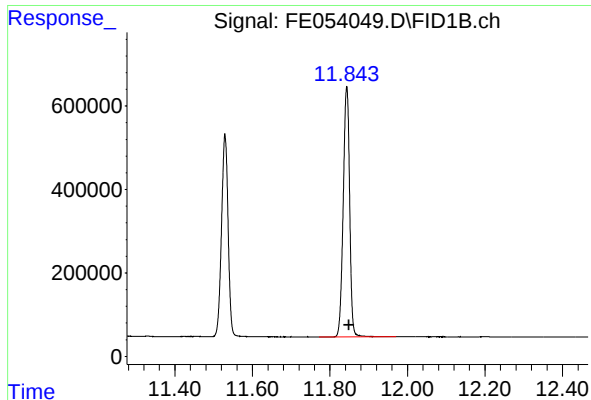
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 5737921
Conc: 42.52 ug/ml



#8 n-Octadecane (C18)

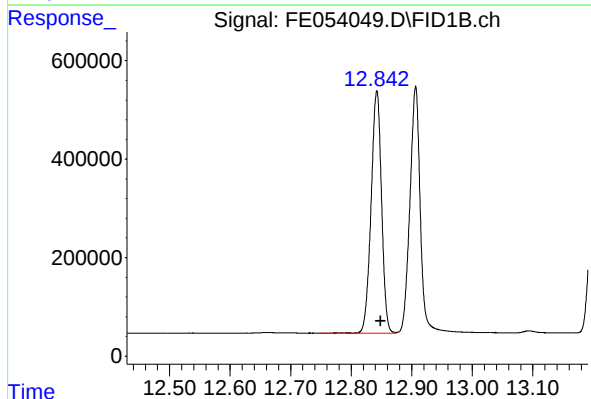
R.T.: 11.529 min
Delta R.T.: -0.006 min
Response: 5685165
Conc: 42.22 ug/ml



#9 ortho-Terphenyl (SURR)

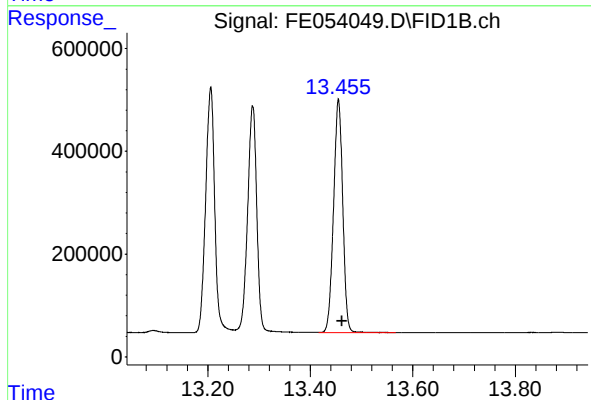
R.T.: 11.843 min
Delta R.T.: -0.005 min
Response: 6876928
Conc: 42.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BSD



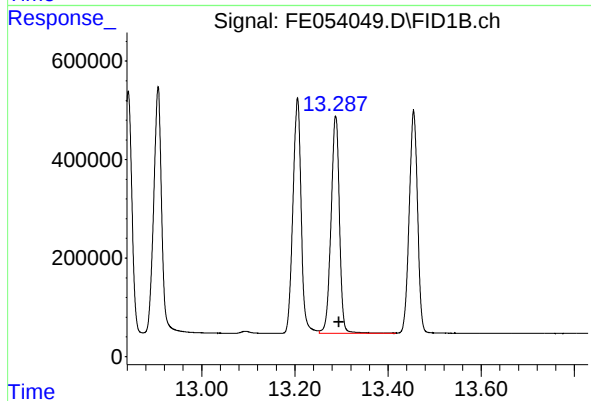
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.006 min
Response: 5878767
Conc: 44.73 ug/ml



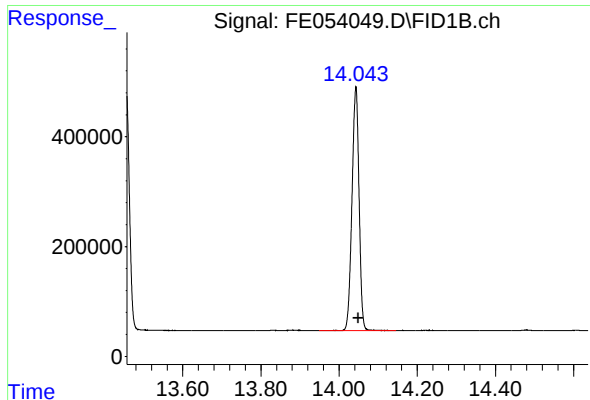
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 5645039
Conc: 43.54 ug/ml



#12 1-chlorooctadecane (SURR)

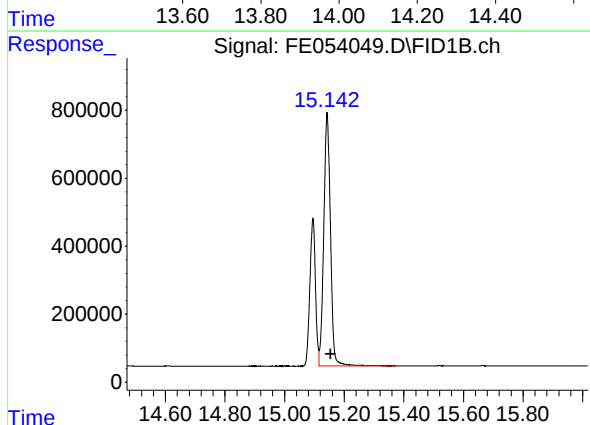
R.T.: 13.288 min
Delta R.T.: -0.007 min
Response: 5553617
Conc: 46.85 ug/ml



#13 n-Docosane (C22)

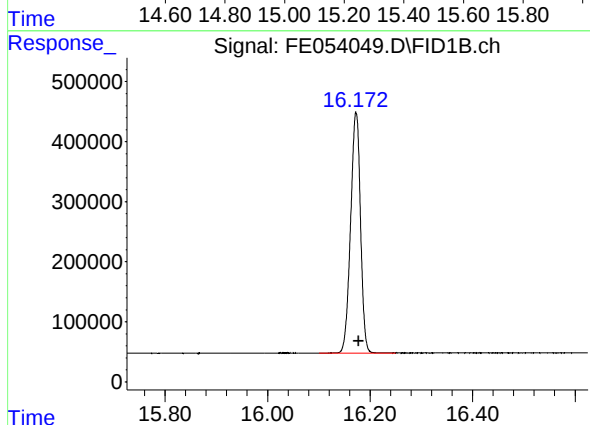
R.T.: 14.043 min
Delta R.T.: -0.006 min
Response: 5554673
Conc: 43.54 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BSD



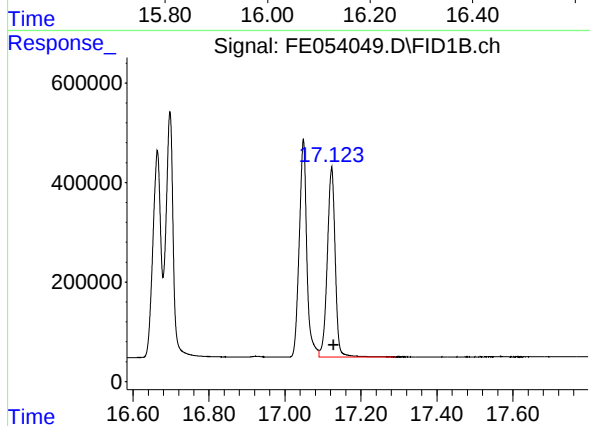
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.012 min
Response: 11639026
Conc: 93.03 ug/ml



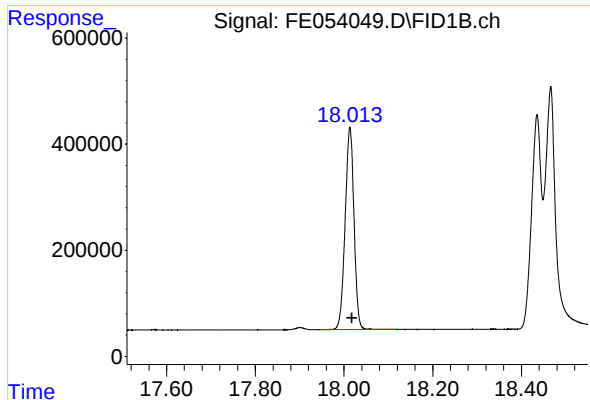
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.005 min
Response: 5370210
Conc: 43.86 ug/ml



#16 n-Octacosane (C28)

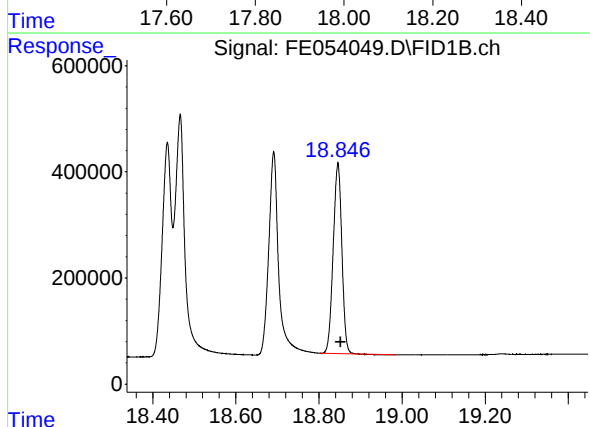
R.T.: 17.123 min
Delta R.T.: -0.006 min
Response: 5506676
Conc: 45.30 ug/ml



#17 n-Tricontane (C30)

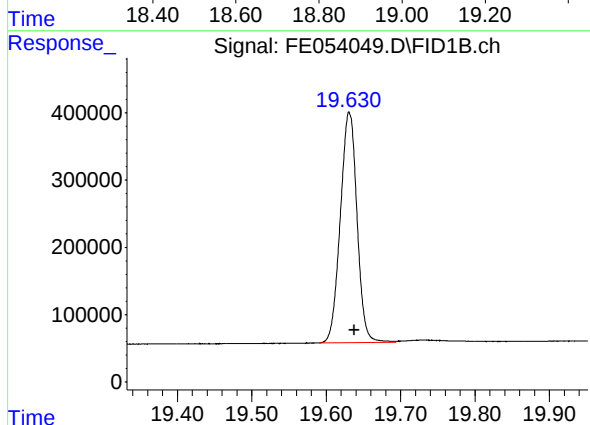
R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 5293161
Conc: 42.49 ug/ml

Instrument :
FID_E
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PB168176BSD



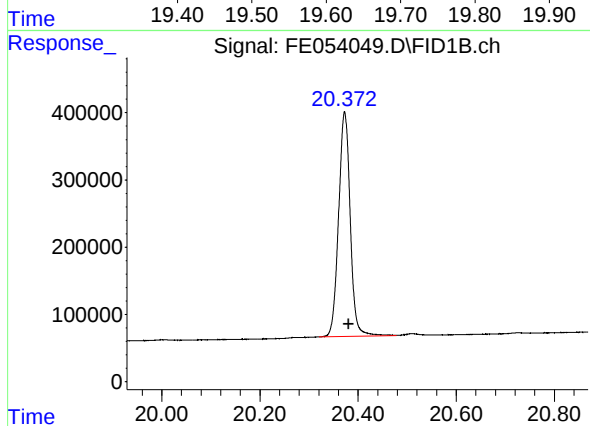
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.006 min
Response: 5180857
Conc: 41.43 ug/ml



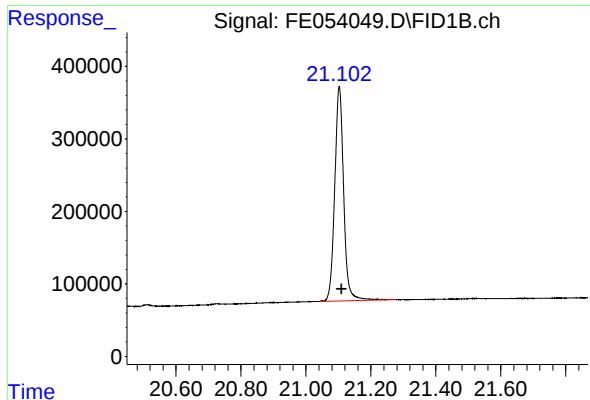
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.007 min
Response: 5347473
Conc: 44.89 ug/ml



#20 n-Hexatriacontane (C36)

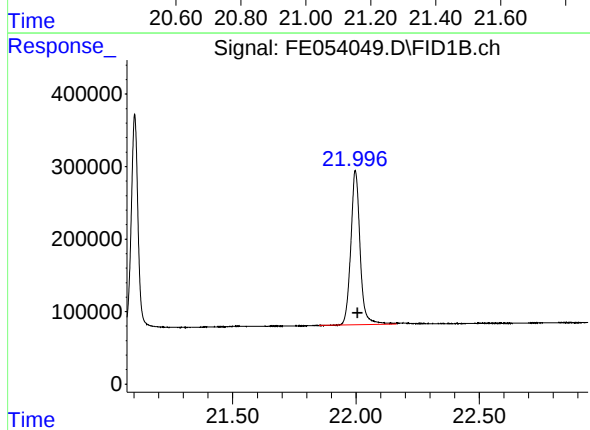
R.T.: 20.373 min
Delta R.T.: -0.008 min
Response: 5510003
Conc: 47.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 5652290
Conc: 51.94 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168176BSD



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.010 min
Response: 5573727
Conc: 56.17 ug/ml